

## 43–635 Renewing rocker arm of piston vacuum pump

### Tightening torque

Nm

Closing plug for rocker arm shaft

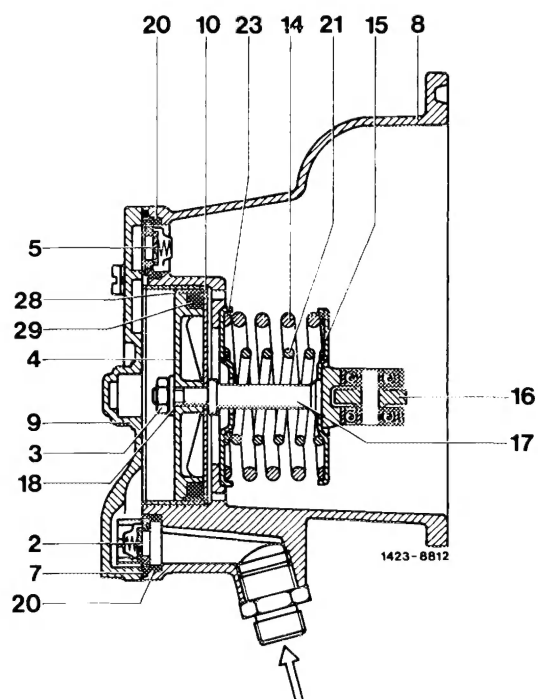
8–10

### Self-made tool

Clamping device

refer to Fig. item 3, note

- 2 Disc valve (suction side)
- 3 Self-locking hex. nut
- 4 Piston
- 5 Disc valve (pressure side)
- 7 Gasket
- 8 Pump housing
- 9 Pump cover
- 10 Piston disc
- 14 Outer compression spring
- 15 Lower spring retainer
- 16 Roller
- 17 Piston rod
- 18 Washer
- 20 Sealing ring
- 21 Inner compression spring
- 23 Upper spring retainer
- 28 Piston ring
- 29 O-ring

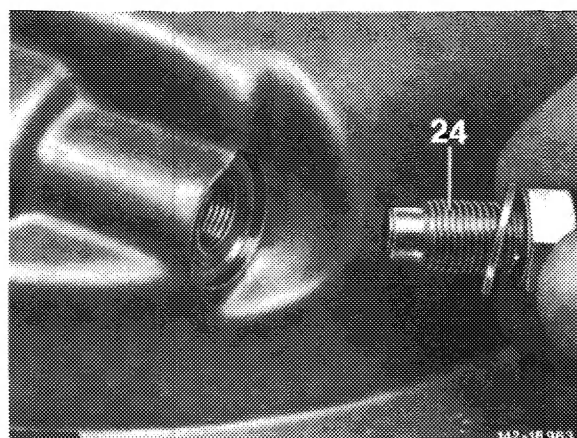


### Note

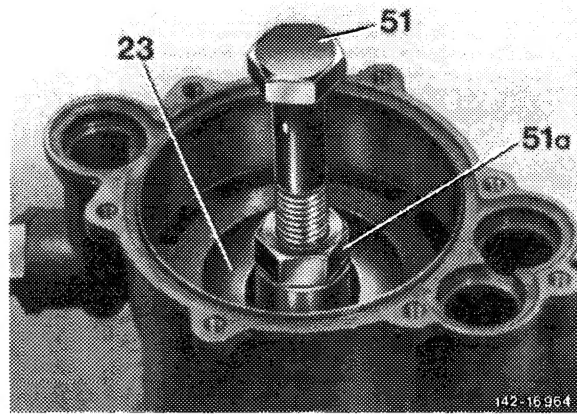
Renewing rocker arm requires repair kit, part no. 000 586 18 23.

### Disassembly

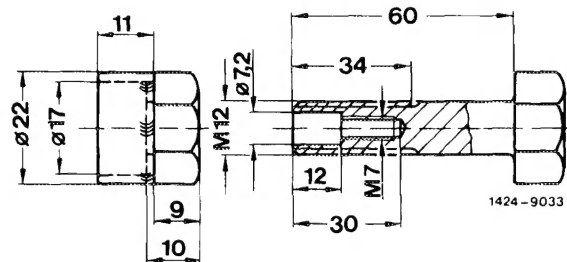
- 1 Remove piston (42–628).
- 2 Unscrew closing plug (24) for rocker arm shaft.



3 Screw clamping device (51) on piston rod. Turn slotted bushing (51 a) downwards until spring assembly is compressed to the extent that the pump can be taken from assembly plate.

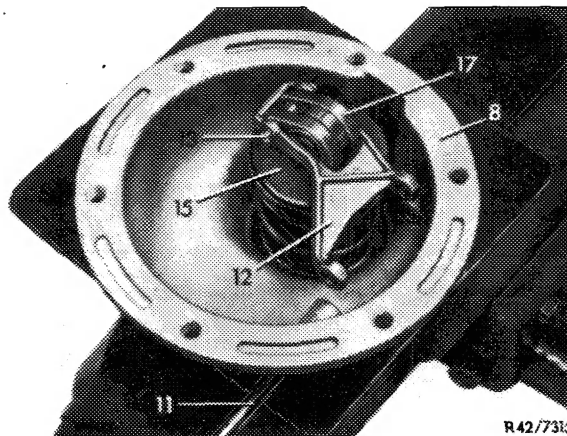


**Note:** The clamping device (51) is self-made acc. to specified dimensions.

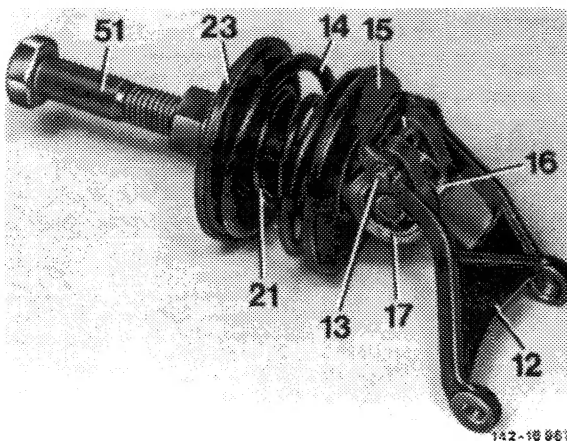


4 Pull shaft (11) out of pump housing by means of suitable pliers.

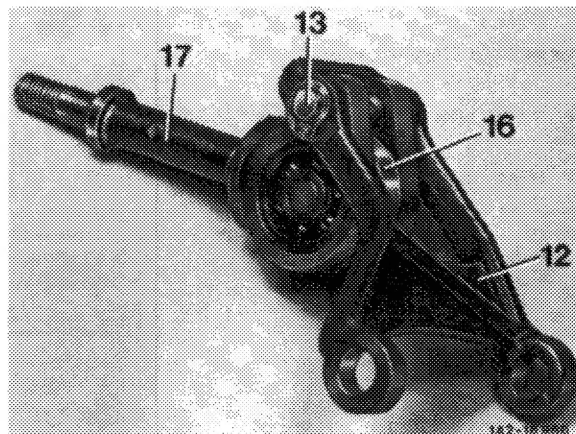
5 Completely remove piston rod, spring assembly, rocker arm and clamping device from pump housing.



6 Unscrew clamping device (51) from piston rod (17), then remove spring retainer and springs.

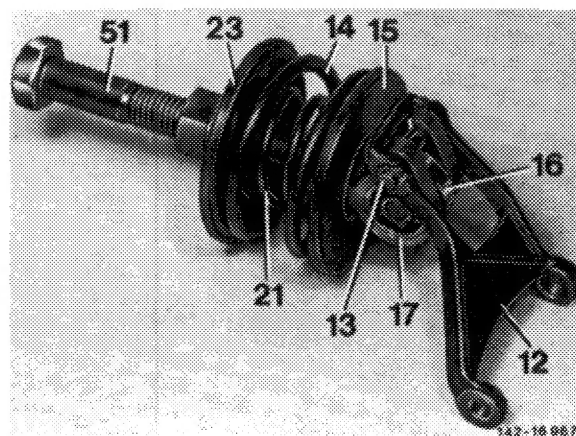


**Note:** Rocker arm with piston rod is available as a complete spare part only. For this reason, disassembly is not required.

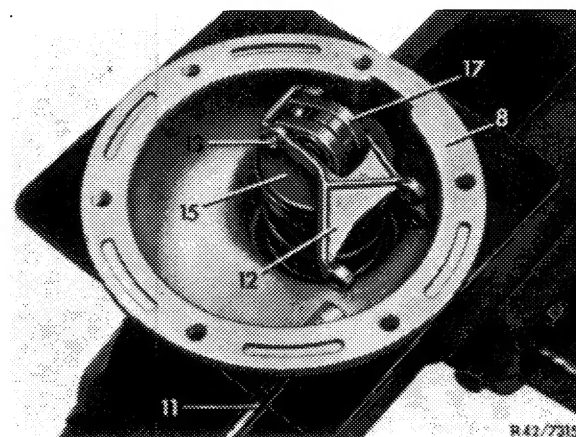


### Assembly

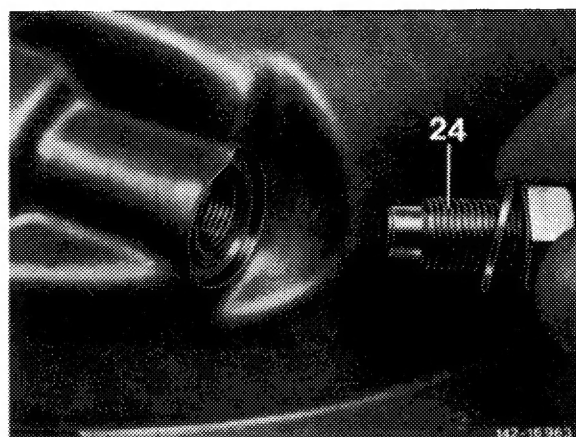
7 Place spring retainer and springs on piston rod (17), pretension with clamping device (51) and install into pump housing.



8 Insert shaft (11) for rocker arm (12) into pump housing.



9 Provide closing plug (24) with Loctite. Mount new sealing ring and tighten to 8–10 Nm.



- 10 Place pump on assembly plate and screw spindle of assembly plate up against stop.
- 11 Screw clamping tool (51) off.
- 12 Install piston (42—628).

